



# CITY COUNCIL

## AGENDA REQUEST

<b>AGENDA OF:</b>	<b>02-04-14</b>	<b>AGENDA REQUEST NO:</b>	<b>VI-D</b>
<b>INITIATED BY:</b>	<b>ROSS WOODFIN</b> <i>RDW</i> <b>PROJECT MANAGER</b>	<b>RESPONSIBLE DEPARTMENT:</b>	<b>ENGINEERING</b>
<b>PRESENTED BY:</b>	<b>ELIANA HAYES, P.E.,</b> <b>ASSISTANT CITY ENGINEER</b>	<b>DIRECTOR:</b>	<b>CHRISTOPHER STEUBING, P.E.,</b> <b>CFM, CITY ENGINEER</b> <i>CL S</i>
		<b>ADDITIONAL DIRECTOR (S):</b>	<b>ROBERT VALENZUELA, P. E.,</b> <b>CFM, DIRECTOR OF PUBLIC</b> <b>WORKS</b> <i>RV</i>
<b>SUBJECT / PROCEEDING:</b>	<b>WILLIAMS TRACE BOULEVARD STREET RECONSTRUCTION - ST1305</b> <b>AUTHORIZE A PRELIMINARY ENGINEERING DESIGN CONTRACT WITH COSTELLO INC.</b>		
<b>EXHIBITS:</b>	<b>SIGNED CONTRACT &amp; PROPOSAL</b> <b>PROJECT AREA MAP</b>		
<b>CLEARANCES</b>		<b>APPROVAL</b>	
<b>LEGAL:</b>	<b>MEREDITH RIEDE,</b> <i>Uner</i> <b>ASSISTANT CITY ATTORNEY</b>	<b>EXECUTIVE DIRECTOR:</b>	<b>N/A</b>
<b>PURCHASING:</b>	<b>TODD REED, CPPO, CPPB</b> <b>PURCHASING MANAGER</b> <i>(P)</i>	<b>ASSISTANT CITY MANAGER:</b>	<b>KAREN DALY</b> <i>kd</i>
<b>BUDGET:</b>	<b>BRYAN GUINN,</b> <i>BY</i> <b>BUDGET OFFICER</b>	<b>CITY MANAGER:</b>	<b>ALLEN BOGARD</b> <i>Allen Bogard</i>
<b>BUDGET</b>			
<b>EXPENDITURE REQUIRED: \$</b>		<b>405,166</b>	
<b>CURRENT BUDGET: \$</b>		<b>688,985</b>	
<b>ADDITIONAL FUNDING: \$</b>		<b>N/A</b>	
<b>RECOMMENDED ACTION</b>			
Authorize the execution of a contract with Costello Inc. in the amount of \$405,166 for professional services required for the delivery of a preliminary engineering report and 30% construction design drawings in support of the Williams Trace Reconstruction project, ST1408.			

## EXECUTIVE SUMMARY

Williams Trace Boulevard between Lexington and Austin Parkway was constructed in segments over a period of time from 1975-1980 and has been identified by the City's pavement assessment program as needing major repair. Based on the amount of deterioration in the pavement, decrease in ride quality and volume of traffic, it has been targeted for reconstruction. Rehabilitation through spot repairs would not bring it back up to an acceptable level as identified in the plan.

The assessment did identify Williams Trace as two separate sections through the analysis. Both sections are being considered for this PER to provide the best understanding of cost and all other related issues that can be identified through the planning process. The future final design and construction will be broken out into two phases with the highest priority phase moving forward sooner.

Other City infrastructure has been reviewed for replacement within the project limits in addition to the roadway reconstruction. The existing 12" and 16" water main will be replaced the full length of the project due to age and material type. The existing sanitary sewer will be inspected and any necessary repairs will be made through the wastewater collection system rehabilitation project prior to the new roadway construction. The existing traffic signals at Austin Parkway, Edgewater, and Lexington will be upgraded to ornamental poles and hardware. Sidewalk removal and replacement will be done where applicable due to conflicts with existing trees. A comprehensive drainage analysis was recently completed that includes the drainage area of this project. The analysis noted deficiencies in the existing system and made recommendations for corrective measures by adding additional parallel storm sewer along the project corridor. Any existing storm sewer that will remain in service will be televised and inspected to ensure integrity. The topographic survey data collected in the pending preliminary report will be used to confirm the findings and proposed improvements noted in the drainage analysis. The information from the analysis and topographic survey will then be incorporated into 30% construction plans in an effort to obtain an accurate construction cost estimate. Landscaping will be considered as part of the design process and not part of the PER.

A selection committee recently reviewed responses for a request for qualifications for roadway design projects in accordance with policy PU-109. The top firms were scheduled for presentations and interviews for the committee to further evaluate each team. At the completion of the process, the committee recommends Costello Inc. for the Williams Trace Reconstruction Project.

Costello Inc. has submitted a proposal to provide preliminary engineering and design services for the project. The scope includes, but is not limited to the following:

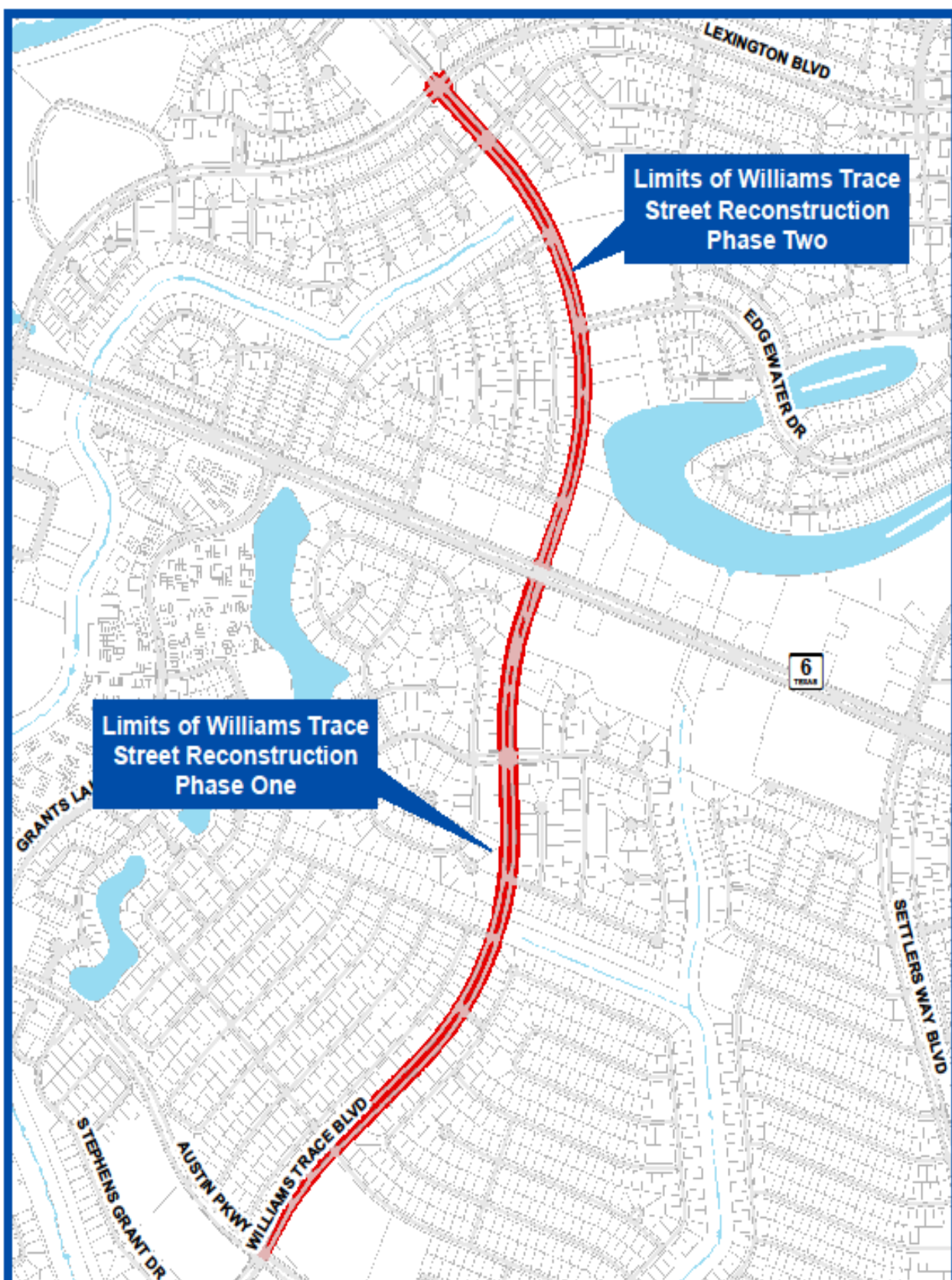
- |                                    |                                  |
|------------------------------------|----------------------------------|
| ▪ Full Topographic Survey          | ▪ Review Traffic Volume Counts   |
| ▪ Water Main Replacement           | ▪ Assess Turn Bay Storage        |
| ▪ Traffic Signal Upgrades          | ▪ Traffic Control Plan           |
| ▪ Review of Drainage Analysis      | ▪ Construction Phasing           |
| ▪ Storm Sewer Televised Inspection | ▪ Arborists Tree Protection Plan |
| ▪ Storm Sewer Design               | ▪ Explore Ped/Bike Options       |
| ▪ Review prior Geotechnical Report | ▪ Private Utility Coordination   |
| ▪ Pavement Design Recommendations  | ▪ Construction Cost Estimates    |

The Engineering Department has negotiated the above scope of work with Costello Inc. for a fee in the amount of \$405,166. There is currently \$688,985 available in CIP ST1305 Street Reconstruction for the engineering services. Final design and construction will be programmed through the budget cycle in the FY16-19 CIP budget process.

The Engineering and Public Works Departments recommend that the City Council authorize the execution of a

contract with Costello Inc. the amount of \$405,166 for professional services required for the delivery of a preliminary engineering report and 30% construction design drawings in support of the Williams Trace Reconstruction project.

#### EXHIBITS



**CITY OF SUGAR LAND**  
Capital Improvement Program  
Williams Trace Street Reconstruction  
CIP No. ST1305



**CITY OF SUGAR LAND  
STANDARD CONTRACT FOR GENERAL SERVICES**

**I. General Information and Terms.**

Contractor's Name and Address: Costello, Inc.  
9990 Richmond Ave.  
Suite 450, North Building  
Houston, TX 77042

Description of Services: Preliminary Engineering Report for Williams Trace  
Boulevard Reconstruction

Maximum Contract Amount: \$405,166

Effective Date: On the latest date of the dates executed by both parties.

Termination Date: (See III C)

**II. Signatures.** By signing below, the parties agree to the terms of this Contract:

**CITY OF SUGAR LAND**

**CONTRACTOR:**

\_\_\_\_\_  
City Manager or Assistant City Manager

By: Amund W. King Jr. PE  
VP - Municipal Services

Date: \_\_\_\_\_

Date: 1/15/14

APPROVED AS TO FORM:

Meredith Reed